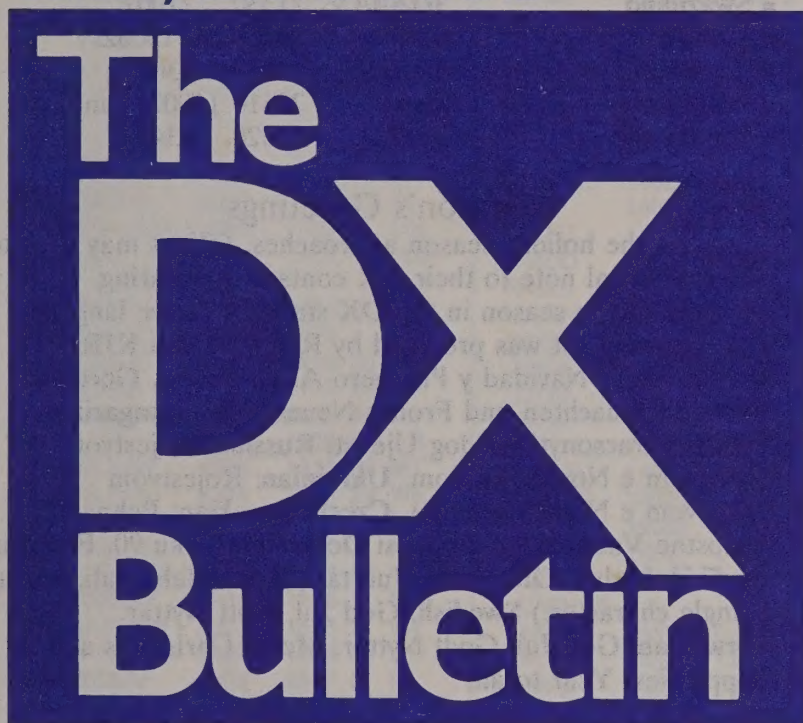


Bouvet - 3Y The MV Aurora crossed the Equator on Dec. 3 on its way to Montevideo, Uruguay, to pick up the DXpeditioners. They expect to land on Bouvet around Dec. 24. The operators will use the callsign **LA5X/MM** during the trip to Bouvet, around 14260 and 14035 kHz. On Bouvet, they will operate as **3Y5X** using five stations provided by Icom and Ham Radio Outlet. Transmit frequencies are 1828, 3502, 7002, 14022, 21022, 28022, and 50022 kHz on CW and 1842, 7045, 14145, 21195, 28395, and 50195 kHz on SSB. RTTY frequencies are 85 kHz up on 10-20 meters. Listening frequencies will be announced. (Watch for channelized splits on 10 and 15 meters.) The Club Bouvet operators are confident that DXers will contribute the remaining US\$14,000 they need to cover the costs of the trip. So far, US DXers have donated less than \$8,000 to Club Bouvet. (Donation address is in Issue 516.)

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Laos - XW The Hungarian operators finally came on the air as **XW8DX** and **XW8CW** on Dec. 8. They'll be on for 10 days. Although they announced plans to operate 35 kHz up on CW, they have been 25 Khz up on 10-20 meters, listening up 3-10 kHz. Other frequencies are 7007, 14195, and 21235, listening up. QSL route is ARS, Box 1384, Millbrook NY 12545 for North and South American DXers, and ARS, Box 67, 06140 Vence, France for the rest of the world. Donations would be greatly appreciated. Meanwhile, **XW8KPL** seems mired in net and list operations.

Spratly - 1S The Hungarians say that the last stumbling block preventing a **1S1DX** operation from Spratly after their Laos operation is sufficient funding. They're aiming to be on for a week from the island group.

Shortly Noted

- **3D2VD** will be active from Fiji Dec. 23-27 and again Jan. 1-3, on CW and SSB, 40-10 meters. Operator will be Veikko Komppa OH5VD (formerly OH2MCN). Watch 7002 and 25 kHz up on CW, and 7040, 7085, 14195, 21295, and 28495 kHz on SSB, listening up. QSL home call; bureau okay.
- **5W1VD** is OH5VD's call from Western Samoa Dec. 28-31. Same information as above.
- **XT2KG** should wrap up soon, as the Colvins typically stay 3-4 weeks in each spot. They have been logged on 7001 kHz at 0100Z, 14006 at 21-2400Z, 21007 at 2330Z, 28010 at 13-1700Z, 28505 at 1800Z, and in SSB nets. QSL Yasme.
- **FT DXNS** reports that the crew change in the French Antarctic islands has been delayed, due to a ship fire. Mid-January is the new target date.
- **EL2CX** is Carl K3RV. He'll be there for three years and promises plenty of contest activity. QSL N2AU.
- **5H3ZW** will be active to Dec. 20, 160-10 meters, SSB and CW, according to W1AW. QSL IK8DOI.
- ◊ **ZD8VJ**, who is extremely active on all bands on CW, listens down as well as up.
- **9L1DG** David is a new ham. QSL address is Masanga Leprosy Hospital, P.M.B. 814, Freetown, Sierra Leone.
- **FR5AI/G**, on Glorioso to Dec. 15, is often in a French SSB net on 21170 kHz at 1700Z. He will respond to CW calls from US DXers.
- **TJ1PD** meets his QSL manager, N5DRV, Wednesdays at 1900Z on 21365 kHz. TJ1PD is also on 21365 at 1800Z Sundays.
- **Islands On The Air**: Tom Quinlan WØGLG will be active from Little Cayman (NA-16) Jan. 2-7 as **ZF2OF/8**. SSB only 160-10 meters. QSL home call. Several Brazilian DXers will operate from Sao Francisco Island (SA-27) Jan. 1-7, 10-40 meters, CW only, using **ZZ5** prefixes.
- **SSB Net** check-ins: 7160 kHz: KX6OI; 14165: V85GA XW8KPL; 14222: UAØBDU/UA1O 3D2ER LU1ZA HZ1AB 3B9FR; 14227: XX9KA VQ9PN YJ8AB 3B9FR 5Z4PB T3ØBC KHØAC; 14250: XT2KG A61AC TT8GA; 14256: FT4ZE V29OA EL2WK OY9A; 21335: XT2KG ZS9A TR8CR C31LH Z21JE 9J2CP TU2JL ZS8MI ZD7CW 5V7DP TL8HW TL8JL.
- **RTTY**: Some active stations: **9M6KT** 14077 ARQ 0930Z; **D44BC** 14090 1740Z; **RL8PYL** 14089 0710Z; **CO2BB** 14094 1345Z; **TA1AR** 21090 0400Z; **9Q5EE** 28091 2000Z; **6W6JX** 28095 2100Z; **TU2BB** 14085 2245Z; **UZ9CWA** 14087 0320Z; **5H3WL** 21077 0715Z; **3A2M** 14081 0900Z; **EL7D** 21084 1920Z; **7P8DX** 21095 0930Z; **FK8FL** 14084 2020Z; **5Z4BH** 14085 2115Z; **YI1BGD** 14087 1240Z; **5B4NC** 21085 1420Z; **EA8BW** 14075 ARQ 0910Z.
- **6 Meters**: The bottom dropped out of the band, at least compared to the fantastic conditions in October and November. Among the countries worked in early December were Japan, Alaska, Korea, Antigua, Puerto Rico, Little Cayman, Cuba, Belize, Honduras, and Hawaii. W1AW reports that Bob Billings has sent the first 6-meter DXCC application to ARRL Headquarters. At least six other DXer have worked more than 100 countries, but await QSLs.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
December 1989	Date Flux A K	Date Flux A K
15 Disturbed	11/18 216 29/42 2	10/21 206 77/99 5
16 Above Normal	11/19 235 08/09 2	10/22 225 33/45 3
17 Above Normal	11/20 229 08/09 2	10/23 211 20/23 3
18 Above Normal	11/21 231 09/10 1	10/24 213 17/17 3
19 Above Normal	11/22 224 07/06 2	10/25 188 20/26 0
20 Above Normal	11/23 219 05/00 2	10/26 173 20/22 3
21 High Normal	11/24 211 08/09 2	10/27 177 15/19 2
22 Above Normal	11/25 221 01/04 1	10/28 174 06/10 2
23 Above Normal	11/26 238 08/08 3	10/29 174 09/10 3
24 High Normal	11/27 246 12/14 2	10/30 188 18/21 3
25 Low Normal	11/28 235 22/23 3	10/31 206 08/13 3

Propagation Watch

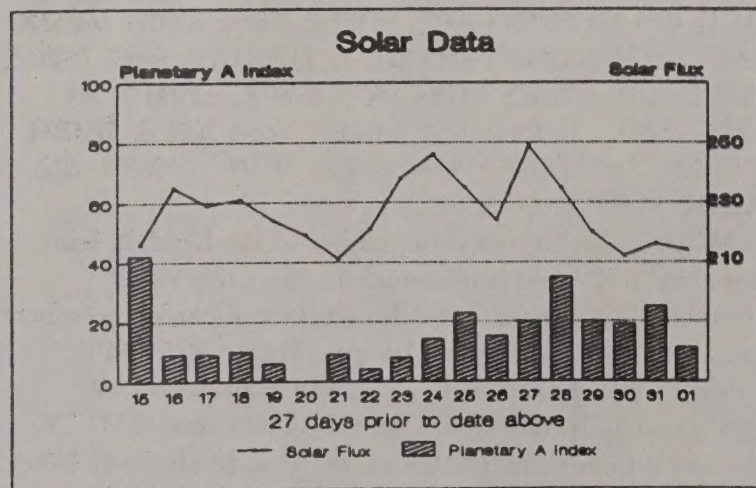
The solar flux finally drifted below 200 on Dec. 11, after more than a month above that figure. The decrease in flux seems to eliminate 6-meter DX, but had little effect on propagation on the HF bands. The geomagnetic field remained relatively stable. The combination of high solar flux and a quiet geomagnetic field produced some excellent band conditions.

The low bands are remarkably good for this stage in the sunspot cycle. Although the absorption is higher than low-band DXers would prefer, the quiet geomagnetic field has given 80-meter DXers some good long-path openings, especially at local dawn. Well-equipped, experienced 80-meter DXer can work Europe from the west coast every day.

Meanwhile, the long-haul and polar-path propagation has been very good on the higher bands, again thanks to the lack of a polar ionospheric disturbance.

After reaching a low value in early December, the solar flux is expected to increase toward the end of the month/year/decade. The odds of a major flare disturbing the bands will increase the last week.

In the absence of a major (Class X) flare, the bands should continue to be excellent. Propagation on the higher bands will drop after local sunset, after good openings during daylight hours. The long path at local dawn will continue to provide good DX to the west, on 40-20 meters, and even 80 meters. Use a grayline prediction device/program to help low-band DXing. The lower flux will probably keep the maximum useable frequency (MUF) below 50 MHz, to the disappointment of 6-meter DXers.



Regulars

■ Anguilla	VP2EXX	7008	1230Z
■ Armenia	UG6GAW	7005	1300Z
■ Ascension	ZD8JW	3504	2300Z
■ Chagos	VO9DM	14025	0245Z
■ Dodecanese	SV5ADM	3800	2230Z
■ Equatorial Guinea	3C1EA	14220	0700Z
■ Equatorial Guinea	3C1EA	28002	1500Z
■ Juan Fernandez	CEØOGZ	20M CW	22-0300Z
■ Kazakhstan	UL7JW	3506	1300Z
■ Liberia	EL7X	14010	2330-02Z
■ Liberia	EL7X	21015	2300Z
■ Mauritius	3B8CF	18080	0230Z
■ Mayotte	FH5EJ	28030	1600Z
■ Mayotte	FH5EJ	14023	0300Z
■ Norfolk Island	VK9NP	7001	2200Z
■ Oman	A41KJ	14190	1300Z
■ Papua New Guinea	P29PL	10M CW	22-0100Z
■ Rwanda	9X5NH	15M SSB	2000Z
■ Rwanda	9X5KP	21215	2000Z
■ South Shetlands	HL5BDS	15M CW	00-0400Z
■ Swaziland	3DAØAV	21330	2100Z
■ Taiwan	BV2DA	20M CW	1300Z
■ Tanzania	5H3TW	3506	0300Z
■ Walvis Bay	ZS9A	28610	1600Z Sunday
■ Zimbabwe	Z21CA	14020	0345Z

Season's Greetings

As the holiday season approaches, DXers may wish to add a personal note to their DX contacts by sharing greetings of the season in the DX station's native language. The following list was provided by Ralph Hirsch K1RH. **Spanish:** Felix Navidad y Prospero Anno Neuvo. **German:** Frohe Weihnachten und Frohes Neues Jahr. **Hungarian:** Vidam Karacsonyt, Boldog Ujevet. **Russian:** Rojestvom Christvom e Novom Godom. **Ukrainian:** Rojestvom Christvom e Novom Hodom. **Czechoslovakian:** Pekne Radostne Vanocle vse Nejlepsi Donoveho Roku 90. **Finnish:** Hyvää Joulua, Onnellista Vuotta. (ää is didahdidah, sent as a single character.) **Swedish:** God Jul, Gott Nyttar. **Norwegian:** God Jul, Godt Nyttar. Merry Christmas and Happy New Year to all!

Important Notice about your The DX Bulletin/The DX Magazine Subscriptions

As of the start of 1990, a subscription to *The DX Magazine* will no longer be included as part of your *The DX Bulletin* subscription. Each publication will be separate, with separate subscription rates. However, any present subscriber may renew for up to two years at a special, reduced combined rate for both publications, before Dec. 31. One-year special rates are \$37 second class mail, \$46 first class mail, US\$51 first class mail to Canada and US\$68 foreign airmail. Double these for two-year rates. To take advantage of this special offer, your must include the control number from the upper left-hand corner of your mailing label. Send your check or MasterCard or Visa information to Box 50, Fulton CA 95439 right away to receive these special renewal rates.

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

EA9AV	14086	0120	9	CA
RL8PYL	14088	0705	2	CA
RL8PYL	14095	1300	22	PA
UQ1GWW	14093	0050	8	CA
UZ9CWA	14086	0500	22	PA

160 Meters

5H3TW	1831	0310	5	VT
HI8LC	1838	0208	28	GA
HK1AMW	1832	0122	28	AL

80 Meters

5H3TW	3506	0257	5	VT
6W6JX	3503	2320	5	NH
7X4AN	3502	2320	4	NH
9M2AX *	3503	2252	9	FL
DU3/	3501	1130	3	NH

K4SXT

EA8AB	3501	0035	5	FL
HP1AC	3512	1130	28	CA
HZ1AB *	3506	1420	3	CA
JA1HQT	3505	1032	2	NH
KH6CF	3505	1020	4	NH
LY2BIP	3511	0146	5	FL
LY2WH *	3502	1427	7	WA
LY2WR	3508	1415	30	CA
LY3BS	3501	2243	8	FL
LZ2XA *	3503	1437	2	CA
RA0FB	3509	1230	29	AL
RW9HZZ *	3502	1148	6	MA
ST2/ *	3505	1405	30	WA

PA0GAM

TA2AI	3501	2245	4	NH
UA0IDX	3503	1330	1	CA
UA0JGT	3506	1419	30	CA
UA9CI *	3505	1145	29	MA
UC1AWZ	3503	0245	6	MA
UC2WA *	3501	1405	29	WA
UL7JW	3505	1312	29	MT
UL7JW *	3504	1423	29	WA
UO4OR	3516	0302	6	MA
UZ0CXE	3504	1447	1	CA
UZ4FWD *	3514	1338	29	WA
VS6WV	3502	1115	1	NH
VU2IN *	3503	1453	2	CA
YY5AE	3502	1045	2	NH
ZD8JV	3503	2247	8	FL

75 Meters

4X6UJ	3799	0051	6	MA
4Z4UR	3799	0425	4	MA
5T5CK	3789	0236	28	MD
7P8EG	3794	0313	4	CA
7X4AN	3794	0124	5	MD
EA9IE	3796	0657	29	KY
G3AHX	3793	0724	29	IL
HZ1AB *	3794	1430	8	WA
KG4SG	3797	2359	3	MA
LA7ZO *	3789	1413	27	CA
OD5VT	3799	2234	5	MA
OZ1DPR	3789	1440	28	CA
SP3GEM	3789	1421	27	CA
SV5ADM	3799	2228	5	MA
T28SC	3795	2310	2	MA
UO5VT	3800	2251	3	MA

40 Meters

BV2FA	7006	1435	29	WA
BZ4RA	7004	1425	2	MT
EA8AB	7003	2211	3	FL
HG3DXC *	7009	1500	3	CA
HZ1AB	7002	0150	27	SC
LY2ZZ	7082	0800	29	IL
PZ1DV	7005	0158	8	FL

SU1RR	7049	0217	26	MD
SV9BAI	7028	2330	1	NH
TA2AO	7003	0335	8	MI
TA7A	7002	2336	5	FL
TK5IU	7006	0140	28	AL
UF7VWA	7006	0356	27	MT
UG6GAW	7005	1311	3	IL
UI8AO	7006	1310	3	IL
UJ8JKK	7001	0220	2	CA
UL7LEB *	7008	1206	29	MA
UM8MY *	7007	1207	1	MA
VK9NP	7001	2205	5	MA
VU2PCD *	7001	1427	8	WA
VU2TEC	7007	1228	9	FL
XT2KG	7001	0058	6	MA
ZD8JV	7005	0241	3	FL

30 Meters

LA1EE	10104	2334	7	FL
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20 Meter CW

3B8CF	14033	0249	3	FL
4S7EA	14007	0033	27	MI
4S7NS	14012	1235	3	MA
7X2MB	14012	2110	1	NH
A61AC	14036	0200	30	MA
BV2A	14015	1320	2	IL
BV2DA	14010	1252	9	FL
BY1QH	14006	0659	28	NH
BY8AC	14013	1050	27	NH
CE0OGZ	14024	2140	27	SC
EL7X	14010	2325	5	OR
FH5EJ	14021	0258	3	FL
FR5DD	14015	0254	4	OH
FR5ZD	14034	0435	1	UT
HK0BKX	14011	0139	2	MI
JY9SR	14035	2256	27	SC
KX6DC	14025	0452	23	MI
LU1ZA	14013	2230	4	CT
RI8OA	14027	0247	3	FL
RL8PYL	14022	0317	24	MI
SV9BAI	14035	2200	28	FL
TU29OP	14032	0209	7	MA
TU2OP	14028	2304	3	FL
TU4AK	14017	2133	4	FL
UA0K/	14003	0400	30	CA

UA0HAE

UA0YAG	14012	0201	30	CO
UA1OIL	14027	1358	3	IL
UI8AG	14008	0252	3	FL
UI8FM	14028	0324	29	CT
UI8IAY	14033	0410	30	OH
UJ8JX	14016	0247	24	SC
UL7DAZ	14009	0303	24	MI
UL7GDX	14030	1121	9	FL
UL8JXC	14033	1303	9	FL
VQ9DM	14025	0247	3	FL
VU2PTT	14014	0155	1	SC
VU2TEC	14013	0139	8	FL
VU2TTC *	14022	1154	22	GA
XT2KG	14003	2040	29	RI
Z21CA	14017	0340	4	CO

20 Meter SSB

3C1EA	14215	0651	1	OR
5N9NRK	14197	0549	1	IL
5W1HK	14198	1046	27	MI
5Z4BI	14234	0450	2	MD
7X5RK	14160	2042	29	IL
9N1RN	14195	0334	2	MD
A41KJ *	14194	1301	3	OH
A61AC	14249	0452	3	MA
BV2B	14197	1432	3	CO
BY5RY	14195	1257	2	MA
FP5DX	14205	0520	30	MD
FR5ZD	14237	0347	1	IL
FT4ZE	14205	1631	26	EU

KG4SG	14160	0233	29	OH
SV9ABG	14190	0538	27	MD
TU2JL	14177	0537	1	IL
TZ6VW	14207	0745	3	OR
UA1D/	14179	1320	4	MA
UW1ZC				
UD6N/	14201	0512	3	MA
UD6BJ				
UI8CD	14216	0425	3	NH
UJ9JWC	14235	0354	3	MA
UL7JC	14171	0235	24	CT
VU2HI	14187	1244	3	OH
XT2KG	14201	2127	4	MA
XW8KPL	14154	1409	4	NH
XX9KA	14195	1917	28	NH
ZS9A	14157	1555	2	NH

17 Meter CW

3B8CF	18075	0220	27	SC
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15 Meter CW

3B8FK	21023	1235	2	MA
3C1EA	21005	2300	2	NH
6W6JX	21027	2230	2	NH
8R1J	21021	2050	30	NH
BY4RB	21028	0111	3	FL
BY9GA	21025	0040	4	FL
CO8LY	21019	1736	1	IL
EL7X	21010	2310	5	MI
HK0BKX	21020	2300	3	FL
HL5BDS	21037	2340	29	NH
ST2/	21017	2000	2	VT
G4WYG				
SV9BAI	21007	1827	27	MI
TT8GA	21010	2138	1	NH
UJ8AE	21028	0330	1	UT
VP2EXX	21007	0100	4	MI
XT2KG	21008	2323	1	MN
XW8CW	21025	0130	9	FL
XW8CW	21035	1333	8	MA
ZD8BOB	21005	2102	5	OR
ZD8IAN	14005	2256	30	NH
ZD8VJ	21025	1710	3	OR

15 Meter SSB

3DA0AV	21348	2100	3	MA
5Z4BI	21267	2145	24	CT
5Z4FO	21219	1831	26	MI
7P8CI	21278	2034	24	MI
9L1CM	21227	2208	22	GA
9L1DG	21301	2114	29	GA
9Q5XX	21249	1932	23	GA
9X5KP	21210	2014	2	OR
9X5NH	21261	1953	23	GA
BY9GA	21300	0114	8	MI
CT500B	21270	1259	1	PA
HS1BV	21270	1933	3	MD
JT/RA0AD	21219	1228	26	EU
P29SC	21301	0200	2	OR
TR8JLD	21297	2309	1	IL
TR8RLA	21287	2223	22	GA
TT8GA	21317	0766	25	EU
TZ6PD	21282	2130	4	OR
TZ6VW	21297	0014	29	FL
UF6FHI	21217	1623	2	MA
UG7GWB	21220	1216	4	MA
UL7JV	21253	0334	23	GA
XW8KPL	21295	1245	20	EU
Z21GO	21254	2022	24	MI

12 Meters

HK0BKX	24902	1450	30	VT
TK5BF	24945	1545	3	WI

10 Meter CW

3B8DB	28024	1253	4	FL
3C1EA	28001	1500	30	NB
3DA0BK	28015	1827	6	IL

5H3TW	28007	2236	6	FL
6W1QB	28030	2233	3	MI
6W6JX	28031	2002	29	NH
9M6HF	28025	0020	2	VA
BV2DA	28010	2350	1	WA
BY1QH	28026	0129	25	MI
BY4RB	28033	0011	2	VA
BZ1OK	28020	0035	7	FL
EA9IB	28476	1800	3	OR
EL2CX	28029	1341	9	FL
EL7X	28022	1324	27	SC
EL7X	28015	2240	3	VA
FH5EJ	28028	1618	1	NH
FK8DD/P	28053	2305	25	GA
KH3/KN0E	28026	2237	24	MA
P29PL	28010	2232	26	RI
SV9ADH	28036	1515	3	FL
SV9BAI	21025	1858	3	FL
TA1AW	28009	1354	2	NH
TL8CM	28029	2227	1	MA
TR8CR	28005	1453	1	IN
UA0XAI	28027	0039	7	FL
UF6FJ	28015	1250	28	VA
UI8CAQ	28036	1355	4	FL
UI8IAY	28023	1339	4	FL
VS6UW	28018	0038	29	KY
VU2BK	28030	1347	4	FL
XT2KG	28009	1311	3	NH
YN/	28023	2325	30	ID

SM0OIG

Z21AP	28028	1918	5	IL
ZD8VJ	28027	1616	3	MN

10 Meter SSB

3DA0AH	28522	1835	29	NH
3DA0BK	28480	1926	24	MI
3X1SG	28489	1213	26	EU
4U1UN	28513	1328	2	IL
5N9FEA	28492	2104	28	IL
5T5SR	28555	2227	28	MD
5Z4BH	28515	1844	26	NY
8R1RBF	28537	2127	26	IL
9L1DG	28556	1806	2	MD
9Q5XX	28476	1538	26	EU
A45YT	28475	1444	21	PA
E9AIB	28495	1826	2	NH
EL2CX	28519	1602	29	IL
HV3SJ	28500	1700	3	OR
J88BS	28487	2122	26	IL
JD1YAA	28580	2200	29	VA
KH2D	28476	2255	27	MD
S01A	28544	1554	1	NH
T43P	28590	1305	26	GA
TZ6VV	28473	1800	24	MI
UA0FF	28510	2340	2	IL
UI8IAW	28502	1339	27	IL
UM8FO	28502	1337	27	IL
V63JC	28509	0005	2	MD
X2TKG	28508	1358	4	NH
YJ8NMB	28527	0145	2	OR
YN/ SM0OIG	28540 28533	1500 2231	29 28	CA IL
ZD7VC	28466	1959	24	MI
ZD8BOB	28463	2142	29	IL
ZD8JV	21288	2100	3	OR
ZD8PJ	28525	1913	28	NH
ZS9A	28612	1647	3	MI

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Calendar

Issue 517 - December 15, 1989

(Changes and hot info in boldface.)

Anguilla - VP2E	VP2EXX 7008 1230Z	I517
Armenia - UG	UG6GAW 7005 1300Z	I517
Ascension Is. - ZD8	ZD8JW 3504 2300Z	I517
Asiatic RSFSR	UAØFZ 3505 1000Z	I516
Bouvet - 3Y	3YØB Feb. 1-11, 1990	I505
	3Y5X Dec. 25-Jan. 8	I517
Burkina Faso - XT	XT2KG by Colvins now.	I515
Cameroon - TJ	TJ1PD 21365 1900Z Weds.	I517
Chad - TT	TT8GA 28485 1200Z	I516
Chagos - VQ9	VQ9DM 14025 0200Z	I517
Chatham Is. - ZL7	ZM7VS Jan. 16-30, 1990	I505
China - BY	BY4RB 21028 0020Z	I516
Dodecanese - SV5	SV5ADM 3800 2230Z	I517
Easter Island - CEØ	CEØFFD 28030 2200Z	I515
Equatorial Guinea 3C	3C1EA 28002/15Z 14220/07Z	I517
Fiji - 3D	3D2VD Dec. 23-27, Jan 1-3	I517
Glorioso - FR/G	FR5AI/G to Dec. 15	I517
India - VU	VU2TEC 20M CW 0200Z	I516
Iraq - YI	YI1BGD 28450-490 1400Z	I516
Johnston Is. - KH3	KNØE/KH3 20M CW 0430Z	I516
Jordan - JY	JY9SR 20M CW 0200Z	I516
Juan Fernandez - CEØ	CEØOGZ 14010/0100 21012/2030	I516
Kazakhstan - UL	UL7JW 3506 1300Z	I517
Laos - XW	XW8CW/DX Now- Dec. 17	I517
	XW8KPL 04-0700Z, >0900Z	I515
Lesotho - 7P	7P8EG 3796 0300Z	I516
Liberia - EL	EL2CX 21010 20-2300Z	I515
	EL7X 14010/2330Z 21015/23Z	I517
Maldives - 8Q	by F6EEM, F6FYP Jan. 12-17	I516
Marianas - KHØ	AHØF Jan. 26-29, CQ 160M	I516
Marion Island - ZS8	ZS8MI 14050 13-1500Z Friday	I509
Mauritius - 3B	3B8CF 18080/0230Z 14030/0230Z	I514
Mayotte - FH	FH5EJ 28030/16Z 14023/03Z	I517
Norfolk Is. - VK9N	VK9NL 7001 2200Z	I517
Ogasawara - JD	JA3EMU/JD1 Dec. 31-Jan 8	I515
Oman - A4	A41KJ 14190 long path 1300Z	I517
	A45YT 10M SSB 1400Z	I516
Papau New Guinea P2	P29VPY, VCR Dec. 11-16	I512
Papua New Guinea	P29PL 10M CW 22-0100Z	I517
Rotuma - 3D	3D2XR by SM7PKK soon?	I515
Rwanda - 9X	9X5NH 15M SSB 2000Z	I517
	9X5KP 21215 2000Z	I517
St. Helena - ZD	ZD7KM 15M CW 2030Z	I516
St. Vincent - J8	VE3CPU/J88 Dec. 30-Jan. 30	I516
San Andres - HKØ	HKØBKX 28010 14-1900Z	I516

Saudi Arabia - HZ	HZ1HZ 14010 2030Z	I515
	HZ1AB 28500 1230-1400	I515
Sierra Leone - 9L	9L1CM 21233 21-2200Z	I516
South Orkneys - VP8	LU1ZA 14014/00Z 21016/23Z	I515
South Shetlands	HL5BDS 15M CW 00-0400Z	I517
Spratly - 1S	1S1DX by HAs soon?	I516
Sudan - ST	G4WYG/ST2 20M CW 1800Z	I515
Swaziland - 3DA	3DAØBK 28500 1700Z	I516
	3DAØAV 21330 2100Z	I517
Taiwan - BV	BV2DA 14016/1315Z 28010/00Z	I516
	BV2A 14015 1300Z	I516
Tanzania - 5H	5H3TW 3506 0300Z	I517
	5H1TW Dec. 17-24	I515
	5H3ZW to Dec. 20	I517
Turkmenistan - UH	RH8AA 20M CW 20-2300Z	I513
United Arab Emirates	A61AD 28460 1200Z	I514
Uzbekistan - UI	UI9AAB 20M CW 1300Z	I516
Vietnam - 3W	3WØJA Dec. 25-Jan. 5	I516
Walvis Bay - ZS9	ZS9A 28610 1615Z M, Th, S	I514
West Malaysia - 9M	9M2AX 3502 1200Z	I516
Western Samoa - 5W	5W1VD Dec. 28-31	I517
Zaire - 9Q	9Q5XX 21261 20-0200Z	I514
Zambia - 9J	9J2BO 28030 1200Z	I514
Zimbabwe - Z2	Z21CA 14020 0345Z	I517
Zone 23	BY9GA 21025 0130Z	I516

DX Activities and Contests

Date	Event or Activity	Info
Jan. 6-7	ARRL RTTY Round-Up	<u>QST</u>
Jan. 26-28	CQWW 160-Meter Contest	<u>CQ</u>

Contributors

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